

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IE2004/000081

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B04C3/04 B04C9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B04C F26B B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 180 391 A (GRAFF ROBERT A ET AL) 25 December 1979 (1979-12-25)	1
A	column 3, line 56 - column 4, line 35 figure 2	34, 36, 37
Y	FR 2 713 517 A (FRANCE GRIGNOTAGE) 16 June 1995 (1995-06-16) page 2, line 22 - page 3, line 18 page 4, line 3 - line 30 figures 1,2	1
Y	US 2 921 646 A (POOLE DAVID M) 19 January 1960 (1960-01-19) column 2, line 52 - line 57 figure 1	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

30 August 2004

Date of mailing of the international search report

08/09/2004

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## C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 707 186 A (JOHNSON & JOHNSON MEDICAL) 17 April 1996 (1996-04-17) claim 1 figures 1,2 -----	1,2

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IE2004/000081

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4180391	A	25-12-1979	AT 371363 B	27-06-1983
			AT 425978 A	15-11-1982
			AU 516772 B2	18-06-1981
			AU 3703378 A	20-12-1979
			BE 868041 A1	02-10-1978
			DE 2825273 A1	04-01-1979
			ES 470718 A1	16-01-1979
			FR 2394329 A1	12-01-1979
			GB 2001265 A , B	31-01-1979
			IT 1096685 B	26-08-1985
			NL 7806341 A	15-12-1978
FR 2713517	A	16-06-1995	WO 9618460 A1	20-06-1996
			FR 2713517 A1	16-06-1995
			EP 0744996 A1	04-12-1996
			JP 9508569 T	02-09-1997
			US 5968231 A	19-10-1999
			AT 200435 T	15-04-2001
			DE 69427096 D1	17-05-2001
US 2921646	A	19-01-1960	NONE	
EP 0707186	A	17-04-1996	US 5656238 A	12-08-1997
			AT 178399 T	15-04-1999
			AU 706079 B2	10-06-1999
			AU 3314395 A	26-04-1996
			BR 9504382 A	08-10-1996
			CA 2160208 A1	12-04-1996
			CN 1383895 A	11-12-2002
			CN 1131564 A , B	25-09-1996
			DE 69508692 D1	06-05-1999
			DE 69508692 T2	30-09-1999
			EP 0707186 A1	17-04-1996
			ES 2129763 T3	16-06-1999
			JP 8206181 A	13-08-1996
			RU 2157703 C2	20-10-2000
			US 6060019 A	09-05-2000
			ZA 9508542 A	10-04-1997